

GenCore version 5.1.4\_p5\_4578  
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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:03:35 ; Search time 18.5152 Seconds  
(without alignments)  
750.746 Million cell updates/sec

Title: US-09-988-971-2\_COPY\_2\_261

Perfect score: 1346  
Sequence: 1 GSILPSRRKSLPSLSSVQ.....RESLSPYISLNDVSLDDA 260

Scoring table:

BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 221153 seqs, 53462247 residues

Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum March 0%

Maximum March 100%  
Listing first 45 summaries

Database :

Published Applications\_AA:\*

- 1: /cgn2\_6/ptodaca/1/pubpaa/US08\_NEW\_PUB pep:\*
- 2: /cgn2\_6/ptodaca/1/pubpaa/PCRT\_NEW\_PUB pep:\*
- 3: /cgn2\_6/ptodaca/1/pubpaa/US06\_NEW\_PUB pep:\*
- 4: /cgn2\_6/ptodaca/1/pubpaa/US06\_PUBCOMB pep:\*
- 5: /cgn2\_6/ptodaca/1/pubpaa/US07\_NEW\_PUB pep:\*
- 6: /cgn2\_6/ptodaca/1/pubpaa/US07\_PUBCOMB pep:\*
- 7: /cgn2\_6/ptodaca/1/pubpaa/PCRTUS\_PUBCOMB pep:\*
- 8: /cgn2\_6/ptodaca/1/pubpaa/US09\_PUBCOMB pep:\*
- 9: /cgn2\_6/ptodaca/1/pubpaa/US09\_NEW\_PUB pep:\*
- 10: /cgn2\_6/ptodaca/1/pubpaa/US09\_PUBCOMB pep:\*
- 11: /cgn2\_6/ptodaca/1/pubpaa/US10\_NEW\_PUB pep:\*
- 12: /cgn2\_6/ptodaca/1/pubpaa/US10\_PUBCOMB pep:\*
- 13: /cgn2\_6/ptodaca/1/pubpaa/US60\_NEW\_PUB pep:\*
- 14: /cgn2\_6/ptodaca/1/pubpaa/US60\_PUBCOMB pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Length	ID	Description
1	825	61.3	159 10 US-09-867-550-954	Sequence 954, App
2	586	43.5	113 10 US-09-867-550-1916	Sequence 1916, App
3	485.5	36.1	276 9 US-09-870-759-64	Sequence 64, App
4	447.5	33.2	96 10 US-09-867-550-952	Sequence 952, App
5	374.5	27.8	512 9 US-09-977-260-16	Sequence 16, App
6	374.5	27.8	512 10 US-09-977-260-16	Sequence 16, App
7	364.5	27.1	505 9 US-09-977-260-17	Sequence 17, App
8	364.5	27.1	505 10 US-09-977-260-17	Sequence 17, App
9	356.5	26.5	505 10 US-09-977-260-18	Sequence 18, App
10	345.5	25.7	489 10 US-09-977-260-19	Sequence 19, App
11	345.5	25.7	489 9 US-09-977-260-19	Sequence 19, App
12	344	25.6	509 10 US-09-977-260-18	Sequence 18, App
13	344	25.6	509 9 US-09-977-260-18	Sequence 18, App
14	326.5	24.3	454 10 US-09-977-161A-95	Sequence 95, App
15	322.5	24.0	537 10 US-09-977-161A-212	Sequence 212, App
16	322.5	24.0	537 10 US-09-977-161A-212	Sequence 212, App
17	319.5	23.7	311 10 US-09-977-161A-121	Sequence 121, App
18	319.5	23.7	387 10 US-09-977-161A-122	Sequence 122, App
19	319.5	23.7	537 9 US-09-977-260-11	Sequence 11, App

20	319.5	23.7	537 10 US-09-977-269-11	Sequence 11, App
21	319.5	23.7	543 9 US-09-977-260-14	Sequence 14, App
22	319.5	23.7	543 10 US-09-977-269-14	Sequence 14, App
23	316.5	23.5	529 9 US-09-977-260-15	Sequence 15, App
24	316.5	23.5	529 10 US-09-977-260-15	Sequence 15, App
25	305	22.7	536 9 US-09-977-269-12	Sequence 12, App
26	305	22.7	536 10 US-09-977-269-12	Sequence 12, App
27	280.5	20.8	536 9 US-09-977-260-13	Sequence 13, App
28	280.5	20.8	536 10 US-09-977-260-13	Sequence 13, App
29	280.5	20.8	536 9 US-09-977-269-13	Sequence 13, App
30	233	17.3	505 10 US-09-977-260-6	Sequence 6, App
31	233	17.3	505 9 US-09-977-269-6	Sequence 6, App
32	233	17.3	505 10 US-09-982-610-20	Sequence 20, App
33	199.5	14.8	162 10 US-09-904-117-1	Sequence 1, App
34	198	14.7	91 9 US-10-097-534-62	Sequence 62, App
35	186.5	13.9	357 9 US-09-923-266-9	Sequence 9, App
36	186.5	13.9	450 9 US-09-977-260-7	Sequence 7, App
37	186.5	13.9	450 10 US-09-977-269-7	Sequence 7, App
38	181.5	13.5	620 9 US-09-977-260-9	Sequence 9, App
39	181.5	13.5	620 10 US-09-977-269-9	Sequence 9, App
40	171.5	12.7	217 10 US-09-765-298A-6	Sequence 6, App
41	170	12.6	31 10 US-09-864-761-36076	Sequence 36076, A
42	156.5	11.6	197 9 US-10-016-634A-171	Sequence 171, App
43	152	11.3	659 9 US-10-045-202-4	Sequence 4, App
44	150	11.1	659 9 US-09-977-260-8	Sequence 8, App
45	150	11.1	659 9 US-10-045-202-2	Sequence 2, App

#### ALIGNMENTS

RESULT 1  
US-09-867-550-954  
Sequence 954, Application US/09867550  
Patent No. US20020082206A1  
GENERAL INFORMATION:  
APPLICANT: Leach, Martin D.  
APPLICANT: Menabden, Fuad,  
APPLICANT: Conley, Pamela  
APPLICANT: Law, Debbie  
TITLE OF INVENTION: Topper, James  
TITLE OF INVENTION: Thereby  
FILE REFERENCE: 21402-013 (Cura-313)  
CURRENT APPLICATION NUMBER: US/09/867,550  
PRIOR FILING DATE: 2001-09-20  
PRIOR APPLICATION NUMBER: USSN 60/208,427  
NUMBER OF SEQ ID NOS: 2125  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 954  
LENGTH: 159  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-867-550-954

Query Match 61.3% ; Score 825; DB 10; Length 159;  
Best Local Similarity 100.0% ; Pred. No. 4.9e-71;  
Matches 158; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GSILPSRRKSLPSLSSVQGGPYTMEARRKATVAGSPKGPALSLRLGPLETT 60  
DB 2 GSILPSRRKSLPSLSSVQGGPYTMEARRKATVAGSPKGPALSLRLGPLETT 61  
QY 61 VEEDDDWWTULSEVSGREYNIPSYHAKVSHGWLVEGLSRKABELLILPGNFGAFLIR 120  
DB 62 VEEDDDWWTULSEVSGREYNIPSYHAKVSHGWLVEGLSRKABELLILPGNFGAFLIR 121  
QY 121 ESQTRGSGYSLVRLSRPASMDRIIRHRIHICLDNGMLY 158  
DB 122 ESQTRGSGYSLVRLSRPASMDRIIRHRIHICLDNGMLY 159

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RESULT 2
US-09-867-550-1916
; Sequence 1916, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Foad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1916
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)
; OTHER INFORMATION: wherein Xaa may be any one of Arg or Gly or Trp
US-09-867-550-1916

Query Match 43.5%; Score 586; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.6e-48;
Matches 112; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 149 IHCIDNGMLYISPRITPSLOALVDHYSGLADICCLKEPCVLOAGPLPGKIDIPPT 208
Db 2 IHCIDNGMLYISPRITPSLOALVDHYSGLADICCLKEPCVLOAGPLPGKIDIPPT 61

Qy 209 VORTPLNWKELDSSLFSEATGEESLSSEGRSSISFYISINDEAVSLDDA 260
Db 62 VORTPLNWKELDSSLFSEATGEESLSSEGRSSISFYISINDEAVSLDDA 113

RESULT 3
US-09-870-759-64
; Sequence 64, Application US/09870759
; Patent No. US20020177551A1
; GENERAL INFORMATION:
; APPLICANT: TERMAN, David S
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: 870759
; CURRENT APPLICATION NUMBER: US/09/870,759
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/208,128
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-870-759-64

Query Match 36.1%; Score 485.5; DB 9; Length 276;
Best Local Similarity 40.7%; Pred. No. 2e-38;
Matches 103; Conservative 43; Mismatches 84; Indels 23; Gaps 4;

Qy 8 KSLPSPSSSSVGGPVTMEARSKATAVALGSPFAGPAEISLRIGEPITVSEDDGM 67
Db 6 KSTAPAPA-----ERPLNPEGLSDFLAVLSVSPISPPIFRGEKRLRVISDEGWM 58

Qy 68 WTVLSEVSGREYNIPSHVAKVSHGMLYEGLSREKAEELLILPGNPGCAFILRESQTRG 127
Db 59 WFAISLSTGRBSYIPGICVARYHGMFLFEGIGRDKAEELLQLPDTKXGSMIRESETKKG 118

RESULT 4
US-09-867-550-952
; Sequence 952, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Foad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 952
; LENGTH: 96
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-952

Query Match 33.2%; Score 447.5; DB 10; Length 96;
Best Local Similarity 76.6%; Pred. No. 1.9e-35;
Matches 95; Conservative 0; Mismatches 0; Indels 29; Gaps 1;

Qy 1 GSIPSRKSLPSPSSSSVGGPVTMEARSKATAVALGSPFAGPAEISLRIGEPITI 60
Db 2 GSIPSRKSLPSPSSSSVGGPVTMEARSKATAVALGSPFAGPAEISLRIGEPITI 61

Qy 61 VSEDDQMTVLSEVSGREYNIPSHVAKVSHGMLYEGLSREKAEELLILPGNPGCAFILR 120
Db 62 VSE-----WLYEGLSREKAEELLILFONGCGAFILR 92

Qy 121 ESQT 124
Db 93 ESQT 96

RESULT 5
US-09-977-260-16
; Sequence 16, Application US/09977260
; Patent No. US20020192790A1
; GENERAL INFORMATION:
; APPLICANT: ULLRICH, AXEL
; APPLICANT: GISHITZKY, MIKHAIL
; APPLICANT: SURBS, IRVINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,260
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
```

LEN: 512  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-260-16

Query Match 27.8%; Score 374.5; DB 9; Length 512;  
Best Local Similarity 40.3%; Pred. No. 1.7e-27;  
Matches 81; Conservative 36; Mismatches 75; Indels 9; Gaps 3;

QY 5 SRKSLPSPSSVQGGPVMTMEARSKATVALGSPAGPAELSLRLGEPPLTVSDD 64  
DB 38 SNKQGRPVPE-SQLLPQGRQOTDPEEGDLYVALPYDGIHPDLSFKGGEKKVLEEH 96  
QY 65 GDMWTVLSEVSGREYINIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGCAFILR 120  
DB 97 GEMWAKSLLTKEGFIPISNYVAKLNTLETWEWFFKDIRKDAERQLALPGNSAGAFILR 156  
QY 121 ESQTRGYSYSLVLSRPASMDRIHRYRHICLDNGWLYISPLTFPSLQALVDHYSELAD 180  
DB 157 ESETLKGSFSLVSDPDVPHGVDVIRKHYKISLDNGGYIISPLTFPSLQALVDHYSELAD 216  
QY 181 DICCLKEPCVQLQAGPLPGK 201  
DB 217 GLCRRLERKACT---SPKPK 233

## RESULT 6

US-09-977-269-16  
Sequence 16, Application US/09977269  
Patent No. US20020082037A1  
GENERAL INFORMATION:  
APPLICANT: ULBRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 16  
LENGTH: 512  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-269-16

Query Match 27.8%; Score 374.5; DB 10; Length 512;  
Best Local Similarity 40.3%; Pred. No. 1.7e-27;  
Matches 81; Conservative 36; Mismatches 75; Indels 9; Gaps 3;

QY 5 SRKSLPSPSSVQGGPVMTMEARSKATVALGSPAGPAELSLRLGEPPLTVSDD 64  
DB 38 SNKQGRPVPE-SQLLPQGRQOTDPEEGDLYVALPYDGIHPDLSFKGGEKKVLEEH 96  
QY 65 GDMWTVLSEVSGREYINIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGCAFILR 120  
DB 97 GEMWAKSLLTKEGFIPISNYVAKLNTLETWEWFFKDIRKDAERQLALPGNSAGAFILR 156  
QY 121 ESQTRGYSYSLVLSRPASMDRIHRYRHICLDNGWLYISPLTFPSLQALVDHYSELAD 180  
DB 157 ESETLKGSFSLVSDPDVPHGVDVIRKHYKISLDNGGYIISPLTFPSLQALVDHYSELAD 216  
QY 181 DICCLKEPCVQLQAGPLPGK 201  
DB 217 GLCRRLERKACT---SPKPK 233

RESULT 7  
US-09-977-260-17  
Sequence 17, Application US/09977260  
Publication No. US20020192790A1

GENERAL INFORMATION:  
APPLICANT: ULBRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 17  
LENGTH: 505  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-260-17

Query Match 27.1%; Score 364.5; DB 9; Length 505;  
Best Local Similarity 42.2%; Pred. No. 1.5e-26;  
Matches 78; Conservative 31; Mismatches 69; Indels 7; Gaps 2;

QY 11 PSPSSVQGGPVMTMEARSKATVALGSPAGPAELSLRLGEPPLTVSDDGMWTV 70  
DB 40 PGPNSHNS--NTPGIREAGSEDIIVVALYDEAIHHEDELSFGQGMVVLLESGEMWKA 96  
QY 71 LSEVSGREYINIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGCAFILRSQTR 126  
DB 97 RSLATREKGYIPSNYVAKLNTLETWEWFFKDIRKDAERQLALPGNSAGAFILR 156  
QY 127 GSYSLVLSRPASMDRIHRYRHICLDNGWLYISPLTFPSLQALVDHYSELADICLL 186  
DB 157 GSYSLVLSRPASMDRIHRYRHICLDNGWLYISPLTFPSLQALVDHYSELADICLL 216  
QY 187 KPCV 191  
DB 217 SVPCM 221

## RESULT 8

US-09-977-269-17  
Sequence 17, Application US/09977269  
Patent No. US20020082037A1  
GENERAL INFORMATION:  
APPLICANT: ULBRICH, AXEL  
APPLICANT: GISHIZKY, MIKHAIL  
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES  
FILE REFERENCE: 038602/1260  
CURRENT FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 2001-10-16  
PRIORITY FILING DATE: 1994-04-22  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 17  
LENGTH: 505  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-977-269-17

Query Match 27.1%; Score 364.5; DB 10; Length 505;  
Best Local Similarity 42.2%; Pred. No. 1.5e-26;  
Matches 78; Conservative 31; Mismatches 69; Indels 7; Gaps 2;

QY 11 PSPSSVQGGPVMTMEARSKATVALGSPAGPAELSLRLGEPPLTVSDDGMWTV 70  
DB 40 PGPNSHNS--NTPGIREAGSEDIIVVALYDEAIHHEDELSFGQGMVVLLESGEMWKA 96  
QY 71 LSEVSGREYINIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGCAFILRSQTR 126  
DB 97 RSLATREKGYIPSNYVAKLNTLETWEWFFKDIRKDAERQLALPGNSAGAFILR 156

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Journal of Management Inquiry 23(4) 393-408

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; CURRENT APPLICATION NUMBER: US/09/977,260
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 18
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-260-18

Query Match
Best Local Similarity 41.1%; Score 344; DB 9; Length 509;
Matches 74; Conservative 26; Mismatches 70; Indels 10; Gaps 2;

QY 25 VTMEARSKAT-----AVALGSPAGPAELSLRLGEPLTIVSBDGDMWTVLSEVSGRE 78
DB 49 VTYEGSNPPASPLQDMNLVIALHSYEPHSDGLGFEKGEQRLLEQSGEMWKAQSLTTGGE 108
QY 79 YNIPSVHAKVS-----HGMLYEGLSREKAEELLILPGNPGAFILRESQTRRGYSLSVLR 134
DB 109 GFIPNFVAKANSLEPEPWFNLSRKDAEROLIAQGNTHGSFLLRSEESTAGSFSLSVLR 168
QY 135 LSRPASMRIIRHRIHCLDNGMLYISPRLTSPSLQALVDHYSELADDCILKEPCVLQR 194
DB 169 DFDQNGEVVHKYKIRNLNDNGFYISPRITPGLHVLVHNTNMSDGLCTRLSRPCQOR 228

RESULT 13
US-09-977-269-18
; Sequence 18, Application US/09977269
; Patent No. US20020082037A1
; GENERAL INFORMATION:
; APPLICANT: ULLRICH, AXEL
; APPLICANT: GISHIZKY, MICHAIL
; APPLICANT: SUBES, IRMINGARD
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
; FILE REFERENCE: 038602/1260
; CURRENT APPLICATION NUMBER: US/09/977,269
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 08/232,545
; PRIOR FILING DATE: 1994-04-22
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 18
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-977-269-18

Query Match
Best Local Similarity 41.1%; Score 344; DB 10; Length 509;
Matches 74; Conservative 26; Mismatches 70; Indels 10; Gaps 2;

QY 25 VTMEARSKAT-----AVALGSPAGPAELSLRLGEPLTIVSBDGDMWTVLSEVSGRE 78
DB 49 VTYEGSNPPASPLQDMNLVIALHSYEPHSDGLGFEKGEQRLLEQSGEMWKAQSLTTGGE 108
QY 79 YNIPSVHAKVS-----HGMLYEGLSREKAEELLILPGNPGAFILRESQTRRGYSLSVLR 134
DB 109 GFIPNFVAKANSLEPEPWFNLSRKDAEROLIAQGNTHGSFLLRSEESTAGSFSLSVLR 168
QY 135 LSRPASMRIIRHRIHCLDNGMLYISPRLTSPSLQALVDHYSELADDCILKEPCVLQR 194
DB 169 DFDQNGEVVHKYKIRNLNDNGFYISPRITPGLHVLVHNTNMSDGLCTRLSRPCQOR 228

RESULT 14
US-09-771-161A-95
; Sequence 95, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:
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; APPLICANT: LEVINE, et al.
; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
; FILE REFERENCE: 802620-2005.1
; CURRENT APPLICATION NUMBER: US/09/771,161A
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 09/724,676
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 136776
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 135619
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 273
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 95
; LENGTH: 454
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-95

Query Match
Best Local Similarity 44.6%; Score 326.5; DB 10; Length 454;
Matches 70; Conservative 22; Mismatches 60; Indels 5; Gaps 2;

QY 24 PYTMEARSKATVVALGSPAGPAELSLRLGEPLTIVSBDGDMWTVLSEVSGREYNIPS 83
DB 51 PEDHELDHGFVVALDYDTAMNDRLQMLKGEKQLQVKGTDGDMWTLARSIVTREGYVPS 110
QY 84 VHVAKVS-----HGMLYEGLSREKAEELLILPGNPGAFILRESQTRRGYSLSVLRSPA 139
DB 111 NFVARVESLEMERWFFRSQGRKEARQLAPINKXGSFLINESFTNKGNFSLSVK-DVTT 169
QY 140 SMDIRIRHRIHCLDNGMLYISPRLTSPSLQALVDHYLS 176
DB 170 QGELIKHYKIRCLDRGYIISPRITPGLHVLVHNTNMSDGLCTRLSRPCQOR 206

RESULT 15
US-09-771-161A-212
; Sequence 212, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, et al
; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
; FILE REFERENCE: 802620-2005.1
; CURRENT APPLICATION NUMBER: US/09/771,161A
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 09/724,676
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 136776
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 135619
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 273
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 212
; LENGTH: 537
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-771-161A-212

Query Match
Best Local Similarity 39.3%; Score 322.5; DB 10; Length 537;
Matches 79; Conservative 23; Mismatches 80; Indels 19; Gaps 3;

QY 9 SLPSPSLSSVGGCPYPTMEARSKATA-----VALGSPAGPAELSLRL 54
DB 46 SIFPNNFRAAGGGLTVFGVNSSHTGTLRTGSGTVTLFVALVDYEATEDDLSFHK 105
QY 55 GEPLTIV-SEDDMWTVLSEVSGREYNIPSVHAKV-----SHGMLYEGLSREKAEELLIL 109
DB 106 GERFOILNSSGEGDMWEARSLTTGETGYIPSVYVAPVDVSIQAEWYFGKLGKDAERQLLS 165
QY 110 PGNPGAFILRESQTRRGYSLSVLRSPAAMDRIIRHRIHCLDNGMLYISPRLTSPSLQ 169
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Db 166 FGNPRGTFLIRESETTGSSISLIRDNDDMKGDHVKHKIRKLDNGSYITTRAQPETIQ 225  
QY 170 ALVDHYSEIADDICCLKEPC 190  
Db 226 OLVOHYSERAAAGLCRLVPC 246

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